

Herculaneum Lead Monitoring Results (July-September 2004)

July 2004	Dunklin H.S. #1	Dunklin H.S. #2	Bluff	Main Street	Broad Street
1				2.401	3.350
2	1.445	1.507	.080	5.866	2.400
3				.454	.348
4				.604	.104
5	.619	.605	.225	3.349	1.055
6				2.537	1.592
7				0	0
8	.409	.353	.129	2.250	NS
9				.995	.131
10				.125	.048
11	0	0	.075	0	0
12				.092	.193
13				.032	.031
14	0	0	.035	0	.039
15				.067	.877
16				1.032	2.770
17	0	0	0	0	0
18				0	0
19				.082	.535
20	2.837	2.654	.555	4.009	6.018
21				2.032	3.163
22				.494	.711
23	0	0	0	.038	1.622
24				0	1.308
25				0	0
26	0	0	0	0	0
27				3.231	1.629
28				2.844	1.457
29	.265	.272	.244	1.834	2.732
30				.615	2.845
31				.358	.996

40338464



Superfund

August 2004	Dunklin H.S. #1	Dunklin H.S. #2	Bluff	Main Street	Broad Street
1	.400	.417	.438	4.209	3.485
2				1.504	1.049
3				1.670	.237
4	.139	.138	.925	.539	.687
5				.043	.073
6				.098	2.993
7	.190	.214	.228	1.325	3.984
8				1.793	2.253
9				.040	.052
10	0	0	0	.032	.069
11				.138	2.144
12				0	.051
13	0	0	0	0	.032
14				.578	1.704
15				.320	4.641
16	.625	.679	.486	2.228	1.920
17				.304	.156
18				.051	.073
19	0	0	.045	.041	1.161
20				0	0
21				.738	1.083
22	1.102	1.191	.332	1.609	1.412
23				4.878	1.676
24				4.372	2.203
25	1.731	1.864	.080	3.461	4.709
26				1.974	.871
27				.355	.365
28	.145	.147	.233	.198	.348
29				0	.075
30				.148	.287
31	0	0	.035	.099	.395

September 2004	Dunklin H.S. #1	Dunklin H.S. #2	Bluff	Main Street	Broad Street	Thurwell Street
1				1.472	1.498	
2				.726	2.443	
3	.167	.185	.212	4.051	1.416	
4				2.114	1.191	
5				3.833	2.361	
6	.345	.325	.261	.917	.716	
7				.100	.161	
8				.043	.101	
9	0	0	.037	.043	.130	
10				1.392	1.525	
11				.920	1.236	
12	.216	.243	.167	.636	2.600	
13				8.301	2.515	
14				6.504	1.250	
15	1.380	1.329	1.797	3.658	1.082	
16				.542	.673	
17				.111	.344	
18	.909	.859	.255	3.019	7.497	
19				6.031	5.555	
20				6.055	4.760	
21	.825	.850	.778	2.915	2.254	
22				3.281	3.974	
23				1.729	1.422	
24	.123	.117	.204	.187	.118	.099
25				.090	.436	
26				.095	.491	
27	0	0	.097	.078	.081	.029
28				.051	.051	
29				.115	.241	
30	.521	NS	.214	3.185	1.352	.948
3-Month Average	.464	.465	.263	1.416	1.380	

* National Ambient Air Quality Standards (NAAQS)

1. Lead (Pb) Standard- 1.5 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) based on a quarterly (3-month) averaging time with a minimum of 15 samples taken. Samples are collected for a 24-hour period every sixth day. Note- the department conducts Lead monitoring at the Herculaneum sites on a more frequent interval (i.e. daily at the Broad Street and Main Street (city hall) monitors).
2. Sulfur Dioxide (SO_2)- 0.14 parts per million (ppm) for a 24-hour averaging time, 0.03 ppm for a 1 year averaging time
3. Rolling three-month average Lead (Pb) values are for informational purposes only. The lead standard is not set up on rolling three month averages, a set quarter system must be used as per the NAAQs monitoring methods. (i.e. January- March, April-June, July-September and October- December) Refer to the Quarterly Averages for the values used to determine compliance with the NAAQS limits.
4. Sulfur Dioxide (SO_2) monitoring results are down loaded quarterly. Validation of the sample results is conducted after a full quarter of data has been collected.